

# Ali Hussain

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## Work Experience

**Kik Interactive, Inc.** | Release & QA Engineering  
September 2015 - December 2015 | Waterloo, ON

- Led testing efforts for multiple new features
- Designed and executed black box testing plans for unreleased features
- Collaborated with project leads and developers throughout testing
- Documented over 100 software defects using Github issue tracker

**Kenna** | IT Systems Administrator  
January 2015 - April 2015 | Toronto, ON

- Doubled efficiency of helpdesk system, completed over 75 tickets in 4 months
- Handled IT responsibilities of entire office with over 50 users and 80 devices
- Researched ideas to increase efficiency of IT department
- Implemented new WiFi and antivirus infrastructure
- Authored/published process manuals and project notes to company wiki

## Recent Projects (more info and projects at alihussa.in)

**Feedback Bot** | Kik Hack Week  
December 2015 | Waterloo, ON

Used an existing bot framework to create an interactive bot for Kik Messenger that allows users to leave feedback about new updates and their changes. The feedback is analyzed and a summary of overall sentiment is available to Kik employees through the same bot.

*Python + NLTK, Firebase*

**App Store Analysis** | Side Project at Kik  
September 2015 - October 2015 | Waterloo, ON

Developed a program to pull and process app store reviews for Kik across both iOS & Android stores. Reviews are clustered based on topic/version and processed through a trained sentiment analyzer. A web based dashboard is then used to display trends and general attitude towards updates.

*Python + NLTK, Pandas, BeautifulSoup - Javascript + jQuery, D3, NVD3 - MySQL*

**Retail Rewards System** | Unnamed Small Business  
May 2015 | Halifax, NS

Developed and implemented a rewards system for a small business. Customers are issued rewards cards which, when presented at the store, give them a 15% cashback on purchases to be redeemed at a later date. The system is interlinked with the customer database and point of sale to maintain ease of use and accuracy.

*PHP, HTML, MySQL*

## Awards

2013 4 <sup>th</sup> place	Dalhousie University Programming Contest
2013 2 <sup>nd</sup> place	Saint Mary's University Hack-a-Week
2013 10 <sup>th</sup> percentile	Euclid Mathematics Contest

## Education

**University of Waterloo**  
BMath | Expected 2018

Math/Business Administration  
*Transferring to CS & Statistics*

## Links

Http:// alihussa.in  
Github:// allawi  
LinkedIn:// ahussain5

## Technical Skills

### Intermediate

- C
- Python
  - Pandas
  - Flask
- PHP
- HTML/CSS
  - Bootstrap
- Racket/Lisp

### Novice

- Javascript
  - jQuery
  - D3
  - NVD3
- MySQL

### Miscellaneous

- Sublime, Vim
- Windows Server
- Linux Server
- Docker
- VMware vCenter
- VLANs
- Data Structures
- Regression Modeling

## Hobbies & Interests

- Fitness and Nutrition
- Programming
- IT and Networking
- Puzzles and Problem Solving
- Video Games
- Tutoring